

KÄRCHER

A STRONG PRESENCE

The multifunctional
implement carriers
Holder S 100 | Holder S 130.
kaerchermunicipal-na.com



PROFESSIONAL | HOLDER S 100 | HOLDER S 130

ROBUST POWERHOUSES

Comfortable 1-/2-seater cabin

Central touchscreen

Joystick

High performance traction drive

Mechanical front PTO shaft

Maximum flexibility for heavy-duty applications

100% mechanical differential lock on both axles

Hydraulic wheel load compensation

Easy service access



RISE TO THE CHALLENGE

Strong as an ox, on and “off-road”:
the Holder S 100 | Holder S 130 redefines performance.

MASTER OF EVERY SEASON

The powerful front linkage (CAT II) with a lifting force of 5,952 lb (2,700 kg) can handle large, heavy attachments - including including ones you already own.

One person can install or remove attachments effortlessly using an external control. The three-dimensional (lateral, vertical, and horizontal) movement of the power lifter through the central hinge is one-of-a-kind. It not only lifts and lowers, it can also adjust the inclination via the joystick and move the attachment sideways. For a real boost in productivity, combine various attachments on all three attachment areas to perform countless applications.

Three attachment areas

Two standardized attachment areas (front and rear raising) and a third area for mounted attachments allow a wide range of combinations.

Your benefits:

- diverse applications
- quick-change system
- simultaneous operation of two attachments
- attachments can be combined for high productivity

High-performance hydraulics

With outputs of 0-32 gpm (0-120 l/min), 0-11 gpm (0-40 l/min) and 0-7 gpm (0-25 l/min), you have access to three extra drive options in addition to the mechanical PTO shaft.

Your benefits:

- high hydraulic performance
- compatible with existing hydraulic attachments
- multiple applications can be combined
- compatible with PTO shaft, e.g. mowing suction

Mechanical PTO shaft

Thanks to the direct low-loss drive shaft of the mechanical PTO shaft, attachments with high power consumption can be operated efficiently.

Your benefits:

- lower fuel consumption
- no heating or mixing of the hydraulic oil
- increased continuous power
- larger attachment dimensions





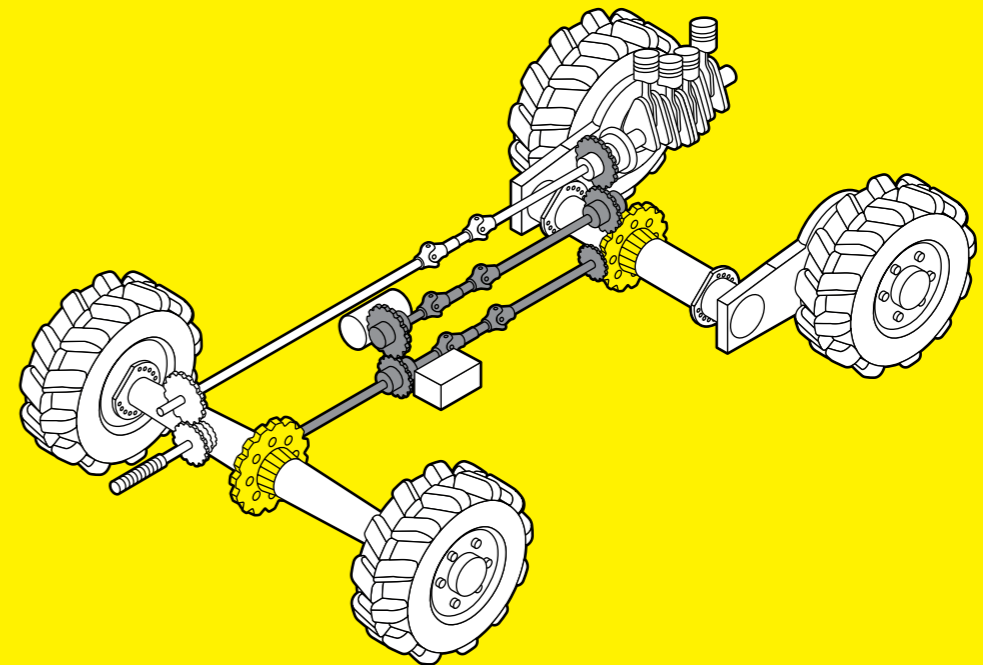
**EVERYTHING
IN SIGHT.
EVERYTHING
UNDER
CONTROL.**

YOUR COMFORT CABIN

- Low-vibration 1-/2-seater cabin
- 360° visibility
- Two wide-opening doors with sliding windows
- Heated air-suspended comfort seat
- Operating console
- One-handed operation using fully customizable joystick
- Central touchscreen for operating all hydraulic functions
- Integrated heating and air conditioning
- Sunroof
- Heated windshield

IT KNOWS NO LIMITS

The engine of the Holder S 100 | Holder S 130 delivers its maximum torque of 410 Nm at 1,600 rpm, allowing you to work at lower engine speeds. This reduces fuel consumption and ensures low noise emissions.



Continuously variable all-wheel drive up to 25 mph (40 km/h)

Optimum power distribution guarantees the best traction and maximum pulling power even on difficult terrain. Other benefits include the impressive climbing ability and optimum ground protection.

Patented Dual Drive

With the DUAL DRIVE, the Holder S 100 | Holder S 130 boasts a patented infinitely variable drive concept that combines the advantages of a hydrostat and a gearbox. This means a significant reduction in noise and consumption as well as less overall wear and tear, all while facilitating sensitive, responsive steering and fast maneuvering.

Mechanical differential lock

Thanks to the switchable 100% locking effect on both axles, there is no need to worry about wheelspin or getting stuck on loose ground.

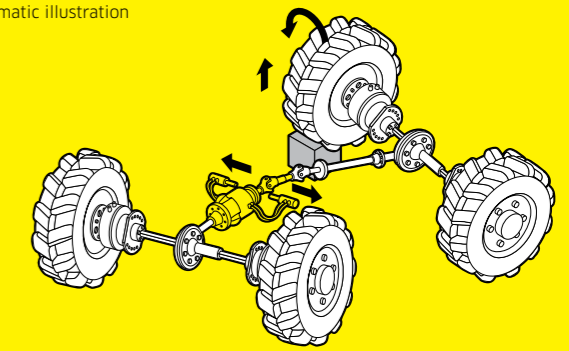
Electronic load limit control

Controls the driving speed depending on the power consumed by the accessories. The vehicle always travels at the maximum possible working speed. This allows the driver to completely focus on their work.

NO STRESS

With the Holder S 100 | Holder S 130
you can breeze through the day.

Schematic illustration



Stay grounded with load-dependent hydraulic wheel load compensation

The patented active pendulum stabilisation system stabilises the vehicle when driving over obstacles and on uneven terrain. Wheel load compensation ensures the vehicle continuously adapts to the ground conditions while also guaranteeing consistent driving stability.

It really can be that simple.

The Holder S 100 | Holder S 130 has been purposefully designed to be easy to service. The tilting cab and the pivoting or folding side panels on the right and left provide free access to vehicle components requiring maintenance. Daily service tasks can be carried out without removing the accessories. This is partly due to the attachment area, which, thanks to hydraulics, can tilt even with attachments still in place. The battery is easily accessible from the outside, making things simpler if it ever needs jump starting in the winter for instance.

Other safety features of the Holder S 100 | Holder S 130:

- ROPS cab
- brake acting on all four wheels
- automatic handbrake when the engine is switched off
- rear view camera
- acoustic reverse warning system
- LED tail lights
- seat contact switch
- automatic battery isolating switch

HOLDER S 100 | HOLDER S 130

Engine

| | Holder S 100 | Holder S 130 |
|--------------------------|--------------------------------------------------------------------|----------------|
| Power | Deutz TCD 3.6 4-cylinder common rail turbodiesel 101 HP (75 kW) | 129 HP (96 kW) |
| Max. torque at 1,600 rpm | 302 lbf•ft / 410 Nm | |
| Cubic capacity | 3,621 cm ³ | |
| Emission standard | Tier 4 Final, exhaust gas treatment with DOC/DPF, no SCR (DEF) | |
| Fuel tank | 22 gal (82 l) | |

Drive

| | | |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| | Continuously variable DUAL DRIVE traction drive system (combination of hydrostatic and mechanical drive) with permanent all-wheel drive and electronic load limit control | |
| Speed | Driving speeds 0-25 mph (0-40 km/h) (fast gear)/ 0-25 mph (0-20 km/h) (slow gear); working speeds 0-9 mph (0-15 km/h) (fast gear)/ 0-5 mph (0-8 km/h) (slow gear) | |
| Differential lock | Front and back mechanical with 100% locking effect | |
| Service brake | Hydraulically activated wet disc brakes, active on all four wheels | |
| Parking brake | Electric parking brake, active on both axles | |

Front PTO shaft

| | |
|-------|-----------------------------------------|
| Speed | Switchable 540/750 rpm or 750/1,000 rpm |
|-------|-----------------------------------------|

Hydraulics

| | |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tandem pump volume flow | 2 × 19 cm ³ /rev or 11.5 gpm (43.5 l/min) at 2,611 psi (180 bar), of which 0-11 gpm (0-40 l/min) for implements, can be controlled from the cab, supply and return at the front and rear (optional), circuit independent of steering and lifting functions |
| Volume flow of implement variable displacement pump | 0-32 gpm (0-120 l/min) at 4,061 psi (280 bar), of which 0-26 gpm (0-100 l/min) for implements, can be controlled from the cab, supply and return at the front and rear (optional) |
| Hydraulic control units | Up to five double-acting control units |
| Hydraulic couplings | Up to four pairs of couplings at the front, up to three pair of couplings at the rear |
| Hydraulic tank | 9 gal (34 l) with fill level sensor |
| Front power lift | CAT II, double-acting, with floating position and vibration damping system, optional electro-hydraulic implement release, hydraulic side and incline adjustment |
| Lifting force | 5,952 lb (2,700 kg) |

Weight

| | | |
|--------------------------|---------------------------------------------------------------------|--|
| | Includes driver of 165 lb (75 kg); depending on tires and equipment | |
| Unladen weight | 6,834 lb - 7,606 lb (3,100 kg - 3,450 kg) | |
| Total permissible weight | 12,125 lb (5,500 kg) | |
| Permissible axle load | Front: 7,054 lb (3,200 kg) Rear: 7,054 lb (3,200 kg) | |
| Towing capacity | Unbraked: 5,511 lb (2,500 kg) Overrun braked: 9,920 lb (4,500 kg) | |

Dimensions

| | | |
|---------------------------------|--------------------------------------------|--|
| | Depending on tires, equipment and lift arm | |
| Wheelbase | 72" (1,827 mm) | |
| Total length | 144" - 154" (3,653 mm - 3,921 mm) | |
| Total height | 88" - 91" (2,233 mm - 2,315 mm) | |
| Total outer width | 54" - 62" (1,360 mm - 1,575 mm) | |
| Turning radius inside outside | 6.99' (2.13 m) 11.45' (3.49 m) | |

NON-STOP POWER



Specialist equipment for year-round use under the toughest conditions

The motor rating of 101 to 129 HP combined with a mechanical front PTO shaft and up to 32 gallons (120 litres) of hydraulic power make the Holder S 100 | Holder S 130 one of the strongest articulated control arms on the market. Get maximum performance and flexibility on the accessories thanks to highly effective working hydraulics with three independent hydraulic unit drives and the ability to simultaneously perform two functions.

Power, safety and comfort - both in working and driving mode

Where there is power, there is also control in the Holder S 100 | Holder S 130: its mechanical axle drive with variable power distribution between the front and rear axles, combined with the permanent all-wheel drive, ensures superior propulsion. To guarantee maximum safety and optimal traction, this powerhouse has patented DUAL DRIVE, hydraulic wheel load compensation, and 100% mechanical differential lock on both axles.

WHAT IF THE FUTURE OF CLEANING CHANGES TOMORROW?



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